

STEREO MOC Status Report
Time Period: 2011:129 - 2011:135

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:
 - On day 129, CCSDS SLE telemetry testing using DSS 24 as a shadow track was conducted successfully in parallel with the DSS 15 committed track.
 - On day 132, during the DSS 55 support, turbo decoder lock was lost briefly beginning at 0700z. This resulted in the loss of one frame of SECCHI SSR data. See DR# N107312 for more information.
 - On day 133, during the DSS 54 support, turbo decoder lock was lost briefly beginning at 0655z. This resulted in the loss of two frames of instrument SSR data. See DR# N107313 for more information.
 - On day 133, the RAID array controller for the MOC STEREO Data Server workstation failed at 1200z. The workstation was rebooted to use the mirrored RAID array at 1600z.
 - On day 135, during the DSS 14 support, real-time telemetry was lost in the MOC starting at 1943z for the duration of 54 minutes due to a DCD anomaly. The anomaly was corrected at 2037z. This resulted in the loss of 54 minutes of real-time telemetry data. All SSR data was recovered. See DR# N107318 for more information.
2. The following spacecraft/instrument events occurred during this week:
 - The average daily SSR playback volume for Ahead was 5.2 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 129, during the DSS 26 support, telemetry lock was lost at 0214z due to power glitch at the station that caused the antenna brakes to be set. After electrical power was restored, telemetry lock was re-established at 0215z. This anomaly resulted in the loss of several minutes of instrument SSR data. See DR# G111467 for more information.
- On day 131, during the DSS 25 support, real-time telemetry was not received in the MOC for the duration of the track due to a DCD anomaly. This resulted in the loss of 180 minutes of all tracking data and real-time telemetry data. All SSR data was recovered from DSN FDS server. See DR# G111478 for more information.
- On day 131, during the DSS 63 support, turbo decoder lock was lost briefly beginning at 1930z. This resulted in the loss of seven frames of instrument SSR data. See DR# N107314 for more information.
- On day 132, during the DSS 63 support, turbo decoder lock was lost briefly beginning at 1948z. This resulted in the loss of one frame of instrument SSR data. See DR# N107315 for more information.
- On day 133, during the DSS 45 support, turbo decoder lock was lost briefly beginning at 0620z. This resulted in the loss of 217 frames of instrument SSR data. See DR# N107316 for more information.
- On day 134, during the DSS 63 support, telemetry lock was intermittently lost beginning at 1614z through 1618z due to heavy rain at Madrid. This anomaly resulted in the loss of several minutes of instrument SSR data. See DR# N107319 for more information.
- On day 134, during the DSS 25 support, telemetry lock was lost beginning at 2356z through 135-0013z due to antenna brakes being set. This anomaly resulted in the loss of several minutes of instrument SSR data. See DR# G111486 for more information.

2. The following spacecraft/instrument events occurred during this week:

- On day 129, the SECCHI BEHIND COR1, COR2, and EUVI images began showing an interference pattern at 1720z. The SECCHI and MOC teams are investigating.
- The average daily SSR playback volume for Behind was 6.1 Gbits during this week.